

eeBuildings Welcomes New Partners

*eeBuildings is pleased to welcome our new partners in India, Taiwan, and China who are helping to improve energy efficiency around the world! We hope you find our newsletter updates a helpful resource—whether you are an energy conservationist, property manager, government official, or university scholar.
We thank you for participating in eeBuildings!*

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1. Hines Estimates Energy-Cost Savings of 670,000 RMB at Embassy House from Low- and Moderate-Cost Measures

Hines estimates annual energy-cost savings of 670,000 RMB at Embassy House, a 56,000 square meter residential apartment building that it owns and manages in Beijing, China. The engineering staff increased its awareness of energy consumption by posting daily electricity and natural gas consumption data. They also held a competition to identify creative energy-saving solutions. Through this project, the staff decided to implement two low-cost measures: first, they scheduled lighting operation at the car park, gym, pool, and business center to save an estimated 253,339 RMB per year. Second, they replaced the electrical steam humidifier with an evaporative humidifier: the replacement cost 2,207 RMB, but it is expected to save 417,793 RMB per year. Engineering Manager, Huang ShuYu says the lessons learned from these achievements are that, "Small adjustments can have a large impact on the entire building's energy cost. The training of staff is very important so that there is ownership and enthusiasm in carrying out the small modifications."

Read the complete case study on the eeBuildings website, at http://www.epa.gov/eeBuildings/files.cgi/680_Hines_Case_Study.pdf and see other case studies at http://www.epa.gov/eeBuildings/energy_savings/library/index.html.

2. eeBuildings Low-Cost and No-Cost Methods Featured in Woodrow Wilson Center's *China Environment Series*

The *China Environment Series* explores China's current environmental challenges, examines current policy programs, and offers insight into potential government and non-governmental cooperation. "[eeBuildings: Sharing Strategies for Improving Building Energy Performance in Shanghai](#)" was published in the most recent issue of the *China Environment Series* (page 104). The report describes eeBuildings' recommended low- and no-cost measures that saved a

Shanghai property manager 15% in utility costs. Also published in this issue, "[Green Labeling and Energy Efficiency in China](#)," describes the accomplishments and current efforts of eeBuildings' partner, the Certification Center for Energy Conservation Products (CECP).

View the entire [China Environment Forum Issue 7](#) or visit the [China Environment Forum website](#) at www.wilsoncenter.org and choose China Environment Forum under Programs.

3. eeBuildings Continues to Work Closely with New and Existing China Partners

In early 2005, eeBuildings initiated a cooperative effort with the China Government Offices Administration (GOA), the government agency responsible for managing and achieving energy savings in 6 million square meters of national government building space in China. As initial steps in the cooperation, eeBuildings has conducted two training events in March and July to promote the implementation of these measures among more than 200 GOA senior building management staff, and more training will be delivered in late 2005. In June, eeBuildings also provided its annual training on low-cost and no-cost energy efficiency strategies to Tongji University students from the Department of Facilities Engineering and Management. This unique relationship has encouraged future Chinese facility managers to make energy efficiency a priority. This summer, eeBuildings also trained staff of the Shanghai Energy Conservation Service Center (SECSC), responsible for assisting large energy users in Shanghai to reduce energy use. eeBuildings is collaborating with SECSC to address peak demand issues in Shanghai, and helped SECSC develop a resource guidebook for energy reduction in large commercial office buildings in Shanghai. Five thousand copies of this guidebook, "36 Ways of Commercial Building Energy Efficiency," were distributed among several hundred of the largest commercial buildings in Shanghai. Finally, in November 2005 eeBuildings plans to deliver its first training to commercial building managers in Nanjing—one of China's major cities with a population of 6.4 million.

4. India and Taiwan eeBuildings Programs Launched

As part of a collaboration between the US Agency for International Development (USAID) and the Maharashtra Energy Development Agency (MEDA), eeBuildings traveled to India in April 2005 to tour building facilities, meet with local commercial building sector stakeholders, and discuss prospects for introducing low-cost and no-cost energy efficiency measures to partners in Mumbai's commercial building sector. The team plans to return to Mumbai in fall of 2005 to provide training to its existing partners and continue developing relationships with new partners.

Partnering with the Taiwan Environmental Protection Agency (TEPA), eeBuildings recently conducted an August trip to Taipei to tour commercial buildings and meet with key prospective partners. The team's trip to Taipei included a tour of Taipei 101, one of the world's tallest buildings, meetings with property management companies, local energy conservation organizations such as the Taiwan Green Buildings Council and the Business Council for Sustainable Development, and meetings with local universities including the National Taipei University of Technology and the National Cheng Kung University. eeBuildings plans to conduct additional training and partner recruitment in Taipei the week of January 9th, 2006.

5. Help us Build a Better Newsletter

- We'd like to hear about your progress. If you have had successful experiences improving the energy efficiency of your buildings outside the US, please let us know at eeBuildings@epa.gov.

- We are interested in updating our partner list and linking to external websites. Please let us know if you would like your organization name and URL to be added to the list.

- If you have suggestions for how to improve the content of this newsletter, please send them to eeBuildings@epa.gov.

To learn more about eeBuildings, visit <http://www.epa.gov/eeBuildings> or e-mail eeBuilding@epa.gov.

To learn more about ENERGY STAR, visit <http://www.energystar.gov>.

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The US Environmental Protection Agency's eeBuildings (energy-efficient Buildings) program helps international building owners, managers, and tenants improve the energy performance of their buildings. Drawing on the expertise of ENERGY STAR, eeBuildings connects financial and environmental performance to energy efficiency.

This newsletter is produced and edited by ICF Consulting. ICF supports EPA's eeBuildings and ENERGY STAR activities.